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January 23, 2019

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk / Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

Re: Demand Side Management/Energy Efficiency ("DSM/EE") Quarterly Report
Docket No. 2011-181-E

Dear Ms. Boyd:

Pursuant to Commission Order No. 2011-619 issued September 2, 2011 in Docket No. 2011-181-E, Duke Energy Progress, LLC ("DEP") submits its quarterly report pertaining to Rider DSM/EE-9 and its EM&V schedule for Demand Side Management/Energy Efficiency ("DSM/EE") programs. The schedules accompanying this submission, for the quarter ending December 31, 2018, are as follows:

- Attachment 1 - Amounts billed under Rider DSM/EE-9 during the reporting period accompanied by estimates of gross receipts taxes and South Carolina Regulatory Fees;
- Attachment 2 - DSM/EE program energy and capacity savings achieved through the end of the reporting period;
- Attachment 3 - DEP's anticipated DSM/EE program EM&V schedule; and
- Attachment 4 - DEP's System O&M and A&G expenses and amounts allocated to South Carolina.

DEP will continue to submit this report to both the Commission and the Office of Regulatory Staff on a quarterly basis until further order of the Commission.

Please contact me if you have any questions.

Kind regards,

Sam Wellborn

SJW:tch

Enclosures

cc w/enc: Parties of Record (via email)
Heather Shirley Smith, Deputy General Counsel (via email)
Rebecca J. Dulin, Senior Counsel (via email)

Rider DSM/EE-9 Quarterly Billings for the Quarter Ending December 31, 2018

A. Amounts Net of GRT & SC Reg Fee

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	489,148,158	\$ 1,192,693.74	\$ 865,382.83	\$ 4,138,491.85	\$ 6,196,568.42
Small General Service	61,543,344	\$ 30,525.50	\$ 59,327.77	\$ 384,030.47	\$ 473,883.74
Medium General Svc	395,675,811	196,255.20	381,431.50	2,469,017.07	3,046,703.77
Large General Service	562,695,195	279,096.82	542,438.15	3,511,218.01	4,332,752.98
Lighting	19,779,907	-	-	-	-
Non-Residential (<i>Gross</i>)	1,039,694,257	\$ 505,877.52	\$ 983,197.42	\$ 6,364,265.55	\$ 7,853,340.49
Opt-Outs					
General Service EE	(694,819,696)	\$ (344,630.56)	\$ -	\$ -	\$ (344,630.56)
General Service DSM/DSDR	(692,433,867)	-	(669,806.19)	(4,320,787.33)	(4,990,593.52)
Lighting	(365,987)	-	-	-	-
Non-Residential (<i>Opt-Out</i>)	NA	\$ (344,630.56)	\$ (669,806.19)	\$ (4,320,787.33)	\$ (5,335,224.08)
Non-Residential (<i>Net</i>)	NA	\$ 161,246.96	\$ 313,391.23	\$ 2,043,478.22	\$ 2,518,116.41
Overall Net Recoveries	NA	\$ 1,353,940.70	\$ 1,178,774.06	\$ 6,181,970.07	\$ 8,714,684.83

B. GRT & SC Reg Fee

Estimated Gross Receipts Tax @ 0.30 percent	\$ 26,222.72
Estimated SC Regulatory Fee @ 0.1519029 percent	13,258.00
Total GRT and Regulatory Fee	\$ 39,480.72

C. Estimated DSM/EE Billings (*Sections A + B*)

\$ 8,754,165.55

**Duke Energy Progress
DSM / EE Program Savings (1)**
December 31, 2018

	Year to Date			Cumulative Since Program Inception		
	No. of Participants	kWh Savings	kW Savings	No. of Participants	kWh Savings	kW Savings
EnergyWise™ (2)	372,056	-	372,056	372,056	-	372,056
CIG Demand Response (2)	21,497	-	21,497	21,497	-	21,497
Energywise for Business - DR (6)	3,409	-	3,409	3,409	-	3,409
Residential New Construction	11,275,657	13,571,108	5,176	26,764,985	52,352,342	21,970
Residential SmartSaver	24,562	6,877,876	1,717	281,442	47,997,613	31,718
Residential Low Income - NES	5,048	2,168,654	331	40,990	20,297,067	2,826
Residential Lighting Program (3)	2,147,254	27,354,600	4,509	32,053,370	928,657,520	146,984
Non-Res SmartSaver (3)						
Prescriptive Lighting	773,551	79,129,518	13,667	79,930,163	450,320,911	85,179
Prescriptive HVAC	324,225	1,512,474	361	3,113,081	10,676,816	3,234
Prescriptive Motor	352	253,668	38	976	1,051,620	122
Prescriptive Refrigeration	840	211,876	16	807,358	11,550,972	1,081
Performance Incentive	37	1,445,402	122	37	1,445,402	122
Custom Measure	11,338	11,323,922	1,791	17,371	79,558,888	14,326
Technical Assistance	92	6,394	-	7,138	930,984	90
Non-Res SmartSaverTotal	1,110,435	93,883,253	15,996	83,876,124	555,535,593	104,153
Small Business Energy Saver (3)	38,604,480	38,342,975	6,344	121,871,908	208,910,923	47,548
My Home Energy Report (7)	827,741	116,731,822	19,768	827,741	116,731,822	19,768
Energy Efficiency Education Program (K-12)	9,013	2,217,162	939	38,081	8,768,934	2,314
Multi-Family Energy Efficiency Program	288,093	14,686,913	2,019	1,171,002	59,435,659	6,983
Save Energy & Water Kit Program	276,327	14,512,189	4,812	1,065,327	59,837,984	14,607
Residential Energy Assessment	37,923	7,375,733	890	103,352	16,454,733	2,406
Energywise for Business EE (6)	2,017	36,306	12	3,681	2,449,106	787
<u>Closed Programs</u>						
Business Energy Report - Pilot (5)	-	-	-	25,809	8,472,181	1,380
Residential Appliance Recycling	-	-	-	47,834	27,252,360	3,118
Residential Energy Efficiency Benchmarking (4)	-	-	-	42,928	15,402,566	2,683
Residential Home Advantage (4)	-	-	-	7,174	8,649,183	3,078
Residential Solar Water Heating Pilot (4)	-	-	-	150	31,250	30
Residential CFL Pilot Program (4)	-	-	-	203,222	6,706,000	630
Summary Totals	55,005,512	337,758,590	459,474	268,822,082	2,143,942,836	809,945

- (1) The values in this report, except where noted, represent estimated net savings at the meter. The reported net savings reflect ongoing annual reductions resulting from the installation of DSM/EE measures during the reporting periods. These amounts have been adjusted to account for the impact of anticipated net to gross relationships. Subsequent reports will replace estimated savings with verified values, adjusted for appropriate net to gross ratios, as determined through the Measurement and Verification (M&V) process.
- (2) The EnergyWise™ participation levels shown represent program capabilities expressed in kW. The CIG Demand Response participation levels reflect contracted values.
- (3) Participation levels shown, represent number of installed measures.
- (4) Amounts reflect final net, post EM&V, values.
- (5) Business Energy Report - Pilot Program terminated 06/30/2017.
- (6) Demand Response savings identified in EnergyWise for Business-DR line. Participants and savings recognized from the program's conservation measures identified in EnergyWise for Business EE line.
- (7) Program includes single and multi-family dwellings. Participants are represented as current number of distinct accounts. Impacts represent programs current capabilities for kW and kWh savings.

DEP DSM/EE Programs - Anticipated EM&V Schedule
As of January 22, 2019

DEP DSM/EE Programs - Anticipated EM&V Schedule

Program Name	NC Docket	SC Docket	Short name	2018 4th Quarter	2019 1st Quarter	2019 2nd Quarter	2019 3rd Quarter	2019 4th Quarter	2020 1st Quarter	Notes
Commercial Demand Response	Docket No. E-2, Sub 953	Docket 2010-41-E	CIG DR			REP ⁽²⁰¹⁸⁾				
Distribution System Demand Response	Docket No. E-2, Sub 926	Docket 2009-190-E	DSDR							
Nonresidential Smart \$aver EE Products & Assessment (Prescriptive)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB				PROC/IMP	PROC/IMP	REP	Smart \$aver Prescriptvie DEC combined with DEP
Nonresidential Smart \$aver EE Products & Assessment (Custom)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB	REP						EEB Custom projects combined with DEC Smart \$aver Custom eval report
EnergyWise	Docket No. E-2, Sub 927	Docket 2009-190-E	EW	REP ^(S2018)			REP ^(W2018/2019)			
EnergyWise for Business	Docket No. E-2, Sub 1086	Docket 2015-163-E	EWB	REP ⁽²⁰¹⁷⁾						2017 report (PY2016) to be combined with DEC evaluation report
Energy Efficiency Education	Docket No. E-2, Sub 1060	Docket 2014-420-E	K12	PROC/IMP	REP ^(2017/2018)					2nd eval in 2018 to be combined evaluation with DEC
Residential Energy Assessment	Docket No. E-2, Sub 1094	Docket 2016-82-E	REA	REP						Program approved Feb 2016
Lighting (Retail)	Docket No. E-2, Sub 950	Docket 2010-41-E	LP							next evaluation tbd
Multi-Family Energy Efficiency	Docket No. E-2, Sub 1059	Docket 2014-419-E	MF	PROC/IMP	REP					Will be combined DEC/DEP evaluation
My Home Energy Report	Docket No. E-2, Sub 989	Docket 2011-180-E	MyHER	PROC/IMP	REP					Report in 2018 will be combined DEC/DEP evaluation
Neighborhood Energy Saver	Docket No. E-2, Sub 952	Docket 2009-190-E	NES		PROC	IMP	REP			2018 delayed to 2019 due to complete switchover to LEDs; evaluation to be combined with DEC evaluation
Residential New Construction	Docket No. E-2, Sub 1021	Docket 2015-237-E	RNC							next evaluation tbd
Residential Save Energy & Water Kit	Docket No. E-2 Sub 1085	Docket 2015-322-E	SEW					PROC/IMP	PROC/IMP	To be combined with DEC evaluation; timing pushed back due to program changes
Small Business Energy Saver	Docket No. E-2, Sub 1022	Docket 2015-163-E	SBES							next evaluation tbd

LEGEND	
PROC	Process surveys/interviews (customers or other) for purposes of report that follows
IMP	Impact data collection (onsites, billing data) and analysis for purposes of report that follows
REP	Evaluation, Measurement & Verification Report

NOTE: THESE DATES ARE SUBJECT TO CHANGE

South Carolina Retail - DSM/EE Cost Summary

Q4 of Test Period

October 2018 through December 2018

Q4 of Test Period

October 2018 through December 2018

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY															
			Capitalized	Amortization	Amortization			Income Taxes	DSDR	DSDR	Carrying	Income Taxes	Rev Reqmt		
			O&M and	of Capitalized	of Capitalized	DSDR Capital	on DSDR	Property	DSDR	Costs Net of	on Carrying	Before PPI &			
			A&G	O&M	A&G	Costs	Capital Costs	Taxes	Depreciation	Taxes	Cost	NLR			
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			ΣCols(1)thru(3)			((1)+(2))/3			(3)/3			ΣCols(5)thru(12)			
SC DSM Program Expenses															
1	CIG DR	Per Books	\$ 30,971		\$ -	\$ 30,971	\$ 10,324	\$ -			\$ -	\$ -	\$ 10,324		
2	EnergyWise	Per Books	454,307		-	454,307	151,436	-			-	-	151,436		
3	Small Business EE DR	Per Books	82,892			82,892	27,631	-			-	-	27,631		
4	Total DSM	Σ Lines thru 3	\$ 568,170		\$ -	\$ 568,170	\$ 189,391	\$ -			\$ -	\$ -	\$ 189,391		
5	DSM Assigned to A&G Cost	Per Books			28,052	28,052	-	9,351			86,745	19,805	115,901		
6	Total DSM and Assigned Cost	Σ Lines 4 thru 5	\$ 568,170		\$ 28,052	\$ 596,222	\$ 189,391	\$ 9,351			\$ 86,745	\$ 19,805	\$ 305,292		
SC EE Program Expenses															
7	Res Home Energy Improvem't	Per Books	247,705		-	247,705	\$ 82,568	-			-	-	82,568		
8	Residential Low Income	Per Books	96,892		-	96,892	\$ 32,297	-			-	-	32,297		
9	CIG Energy Efficiency	Per Books	418,095		-	418,095	\$ 139,365	-			-	-	139,365		
10	Residential Lighting	Per Books	347,928		-	347,928	\$ 115,976	-			-	-	115,976		
11	Res Appliance Recycling	Per Books	-		-	-	\$ -	-			-	-	-		
12	EE Behavior Program*	Per Books	111,868		-	111,868	\$ 111,868	-			-	-	111,868		
13	Small Business Direct Install	Per Books	300,477		-	300,477	\$ 100,159	-			-	-	100,159		
14	Residential New Construction	Per Books	479,638		-	479,638	\$ 159,879	-			-	-	159,879		
15	K12 Performance - National Theatre	Per Books	22,576		-	22,576	\$ 7,525	-			-	-	7,525		
16	Multi-Family	Per Books	84,390		-	84,390	\$ 28,130	-			-	-	28,130		
17	Residential CFL Property Manager	Per Books	-		-	-	\$ -	-			-	-	-		
18	Business Energy Report	Per Books	-		-	-	\$ -	-			-	-	-		
19	Save Energy and Water Kit	Per Books	27,295			27,295	\$ 9,098				-	-	9,098		
20	Residential Energy Assessments	Per Books	47,599			47,599	\$ 15,866				-	-	15,866		
21	Total EE	Σ Lines 7 thru 20	\$ 2,184,463		\$ -	\$ 2,184,463	\$ 802,731	\$ -			\$ -	\$ -	\$ 802,731		
22	EE Assigned to A&G Cost	Per Books			111,393	111,393	-	37,131			269,213	61,465	367,809		
23	Total DSM and Assigned Cost	Σ Lines 21 thru 22	\$ 2,184,463		\$ 111,393	\$ 2,295,856	\$ 802,731	\$ 37,131			\$ 269,213	\$ 61,465	\$ 1,170,540		
SC DSDR Program Expenses															
24	DSDR Program	Per Books	\$ 153,618	\$ 25,407	\$ -	\$ 179,025	\$ 59,675	\$ -	\$ 241,741	\$ 54,989	\$ 96,135	\$ 335,361	\$ 39,167	\$ 8,942	\$ 836,010
25	DSDR Assigned to A&G Cost	Per Books			-	-	-	-							\$ -
26	Total DSM and Assigned Cost	Σ Lines 24 thru 25	\$ 153,618	\$ 25,407	\$ -	\$ 179,025	\$ 59,675	\$ -	\$ 241,741	\$ 54,989	\$ 96,135	\$ 335,361	\$ 39,167	\$ 8,942	\$ 836,010
27	Test Period Totals	Lines 6 + 23 + 26	\$ 2,906,251	\$ 25,407	\$ 139,445	\$ 3,071,103	\$ 1,051,797	\$ 46,482	\$ 241,741	\$ 54,989	\$ 96,135	\$ 335,361	\$ 395,125	\$ 90,212	\$ 2,311,842

*EE Benchmarking program is recoverable over a 1 year period
All other EE programs are over a 3 year period

	A	B	C	D	E	F	G	H	I	J	K	L
1	EE Deferral Calculation											
2	DSM/EE Filing Support											
3	Cost summary for 10/18 - 12/18											
4												
5												
6												
7												
8												
9		Oct-18	Nov-18	Dec-18		Q4 2018						
10												
11	EE Current Period Actual Program Cost Deferral:											
12	Program O&M Costs											
13	CIG Energy Efficiency											
14	Home Depot CFL											
15	EE Behavior Program (1 year)	666,178.45	54,277.52	54,296.78		774,752.75						
16	Residential Home Advantage											
17	Business Energy Report											
18	Residential Home Energy Improvement (Ph.II)	490,044.92	447,948.67	777,515.01		1,715,508.60						
19	Residential Low Income / PHA (Ph.II)	249,734.54	(148.31)	421,453.11		671,039.34						
20	Residential Lighting	511,680.71	1,078,438.66	819,498.10		2,409,617.47						
22	Appliance Recycle											
23	Small Business Direct Install	606,557.35	734,543.03	739,892.77		2,080,993.15						
24	Residential New Construction	897,931.72	1,289,004.63	1,134,856.19		3,321,792.54						
25	K12 Performance - National Theatre	101,552.35	7,816.04	46,985.25		156,353.64						
26	Freezer Recycle Program											
27	Save Energy and Water Kit	57,101.59	61,554.60	70,380.36		189,036.55						
28	Residential Energy Assessments	37,838.77	240,840.94	50,976.15		329,655.86						
29	Non-Res Custom Incentive	179,429.85	98,313.38	381,618.32		659,361.55						
30	Non-Res Pres-Lighting	470,830.35	532,921.85	822,523.80		1,826,276.00						
31	Non-Res Custom Assessments	20,574.71	46,004.91	74,775.02		141,354.64						
32	Non-Res Pres-Food Service	12,120.05	10,092.49	14,167.49		36,380.03						
33	Non-Res Pres-HVAC	36,046.17	76,473.22	119,678.12		232,197.51						
34	Multi-Family Aerators	11,033.93	21,716.86	23,289.24		56,040.03						
35	Multi-Family Pipe Wrap	122,246.55	137,802.22	171,938.24		431,987.01						
36	Multi-Family Showerheads	28,531.62	22,502.66	45,388.96		96,423.24						
37	Residential CFL Property Manager					-						
38	Total EE O&M	4,499,433.63	4,860,103.37	5,769,232.91		15,128,769.91						
39												
40	Program Costs not yet Commission Approved											
41	Business Energy Report											
42												
43	G&A	291,735.37	305,210.81	229,224.33		826,170.51						
44	True-up Entry Amount, if any (See **True-up Notes)											
45	Subtotal Deferred G&A and O&M	4,791,169.00	5,165,314.18	5,998,457.24		15,954,940.42						
46												
47	SC											
48	Program Costs											
49	CIG Energy Efficiency											
50	Home Depot CFL											
51	EE Behavior Program	96,190.39	7,837.20	7,839.98		111,867.57						
52	Residential Home Advantage											
53	Business Energy Report (3 years)											
54	Residential Home Energy Improvement (Ph.II)	70,758.23	64,679.90	112,266.42		247,704.55						
55	Residential Low Income / PHA (Ph.II)	36,059.50	(21.41)	60,854.17		96,892.26						
56	Residential Lighting (5 years) - updated to 3 years in 201	73,882.25	155,717.18	118,328.41		347,927.84						
57	Solar Hot Water Pilot											
58	Appliance Recycle											
59	Small Business Direct Install	87,581.62	106,061.64	106,834.10		300,477.36						
60	Residential New Construction	129,653.55	186,121.08	163,863.39		479,638.02						
61	K12 Performance - National Theatre	14,663.28	1,128.57	6,784.26		22,576.11						
62	Freezer Recycle Program											
63	Save Energy and Water Kit - tentatively 5 years	8,244.97	8,887.95	10,162.31		27,295.23						
64	Residential Energy Assessments - tentatively 5 years	5,463.59	34,775.34	7,360.51		47,599.44						
65	Non-Res Custom Incentive	25,908.11	14,195.60	55,102.37		95,206.08						
66	Non-Res Pres-Lighting	67,983.82	76,949.29	118,765.30		263,698.41						
67	Non-Res Custom Assessments	2,970.81	6,642.71	10,796.86		20,410.38						
68	Non-Res Pres-Food Service	1,750.03	1,457.27	2,045.66		5,252.96						
69	Non-Res Pres-HVAC	5,204.75	11,042.07	17,280.48		33,527.30						
70	Multi-Family Aerators	1,593.20	3,135.73	3,362.76		8,091.69						
71	Multi-Family Pipe Wrap	17,651.34	19,897.44	24,826.39		62,375.17						
72	Multi-Family Showerheads	4,119.72	3,249.19	6,553.77		13,922.68						
73	Residential CFL Property Manager	-	-	-		-						
74	Total EE O&M	649,679.16	701,756.75	833,027.14		2,184,463.05						
75												
76	G&A	39,441.58	41,528.57	30,423.05		111,393.20						
77	True-up Entry Amount, if any (See **True-up Notes)											
78	Subtotal Deferred O&M and G&A	689,120.74	743,285.32	863,450.19		2,295,856.25						
79												
101	Return Calc											
102	Debt Component - Net of Tax	23,533.21	23,027.78	22,634.51		69,195.50						
103	Equity Component - Net of Tax	68,025.49	66,564.49	65,427.70		200,017.68						
104	Equity Return Tax Gross-Up	20,904.23	20,455.27	20,105.93		61,465.43						
105	Total Return	112,462.93	110,047.54	108,168.14		330,678.61						
106												
109	Source: Monthly Accounting File											

	A	B	C	D	E	F
1	DSM Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 10/18 - 12/18					
4						
5						
6						
7						
8		Oct-18	Nov-18	Dec-18		Q4 2018
9						
10	DSM Current Period Actual Program Cost Deferral:					
11	Program Costs					
12	CIG Demand Response (Ph. II)	77,004.58	69,507.47	83,418.89		229,930.94
13	Residential Energy Wise	905,109.37	1,395,408.74	1,072,323.54		3,372,841.65
14	Small Business EE DR	63,676.58	174,748.04	376,980.87		615,405.49
15	Total DSM O&M	1,045,790.53	1,639,664.25	1,532,723.30		4,218,178.08
16						
17	Program Costs not yet Commission Approved					
18	Small Business EE DR					
19						
20	G&A	78,755.59	82,393.36	61,880.38		223,029.33
21	True-up Entry Amount, if any (See **True-up Notes)					
22	Subtotal Deferred G&A and O&M	1,124,546.12	1,722,057.61	1,594,603.68		4,441,207.41
23						
24	SC:					
25	Program Costs					
26	CIG Demand Response (Ph. II)	10,372.19	9,362.36	11,236.17		30,970.72
27	Residential Energy Wise	121,914.36	187,955.59	144,437.39		454,307.34
28	Small Business EE DR	8,576.96	23,537.81	50,777.71		82,892.48
29	Total DSM O&M	140,863.51	220,855.76	206,451.27		568,170.54
30						
31	G&A	9,932.52	10,458.08	7,661.39		28,051.99
32	True-up Entry Amount, if any (See **True-up Notes)					
33	Subtotal Deferred O&M and G&A	150,796.03	231,313.84	214,112.66		596,222.53
34						
35	Subtotal Deferred of Program Costs not yet Commission Approved					
36						
37	Recovery					
38	SC	(339,380.79)	(263,009.97)	(343,563.25)		(945,954.01)
39						
40	Amortizaton					
41	O&M	(251,077.84)	(277,741.93)	(272,940.43)		(801,760.20)
42	G&A	(16,834.89)	(17,010.08)	(16,077.85)		(49,922.81)
43		(282,997.27)	(312,997.63)	(264,938.01)		(860,932.91)
44						
45	Carrying Cost Balance					
46	Beg Balance	6,394,861.03	6,277,744.32	6,214,306.16		18,886,911.51
47	plus expense	150,796.03	231,313.84	214,112.66		596,222.53
48	less amortization	(267,912.73)	(294,752.00)	(289,018.28)		(851,683.01)
49	End Balance	6,277,744.32	6,214,306.16	6,139,400.54		18,631,451.03
50	Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.)	6,394,861.03	6,277,744.32	6,214,306.16		18,886,911.51
51						
52	ADIT	1,503,022.56	1,475,495.91	1,460,585.66		4,439,104.13
53	Basis for return calc	4,891,838.47	4,802,248.41	4,753,720.50		14,447,807.38
54						
55	Return Calc					
56	Debt Component - Net of Tax	7,549.09	7,410.83	7,335.94		22,295.86
57	Equity Component - Net of Tax	21,821.51	21,421.87	21,205.40		64,448.78
58	Equity Return Tax Gross-Up	6,705.75	6,582.94	6,516.42		19,805.11
59	Total Return	36,076.35	35,415.64	35,057.76		106,549.75
60						
61						
62						
63	Source: Monthly Accounting File					

	A	B	C	D	E	F
1	DSDR Deferral Calculation					
2	DSM/EE Filing Support					
3	Cost summary for 10/18 - 12/18					
4						
5						
6						
7		Oct-18	Nov-18	Dec-18		Q4 2018
8						
9		DSDR Current Period Actual Program Cost Deferral:				
10	DSDR Program Costs	349,861.18	448,406.56	342,216.21		1,140,483.95
11	DSDR G&A					
12	True-up Entry Amount, if any (See **True-up Notes)					
13	Subtotal Deferred G&A and O&M	349,861.18	448,406.56	342,216.21		1,140,483.95
14						
15		SC:				
16	Program Costs	47,124.80	60,398.44	46,095.06		153,618.30
17	G&A	-	-	-		-
18	True-up Entry Amount, if any (See **True-up Notes)					
19	Subtotal Deferred O&M and G&A	47,124.80	60,398.44	46,095.06		153,618.30
20						
21	Smart Grid Insurance Expense Accrual	8,532.77	8,460.56	8,413.37		25,406.70
22						
23	Smart Grid Depreciation	145,127.50	145,129.03	45,104.04		335360.57
24	Smart Grid Property Tax	32,045.15	32,045.15	32,045.15		96,135.44
25	R&E Tax Credit					
26						
27	Subtotal for Expense Deferral	232,830.22	246,033.18	131,657.62		610,521.01
28						
29	Return on 101 Capital SmartGrid - Debt	21,127.62	20,932.62	20,737.98		62,798.22
30	Return on 101 Capital SmartGrid - Equity	60,202.82	59,647.15	59,092.54		178,942.51
31	Equity Return Tax Gross Up	18,500.33	18,329.57	18,159.14		54,989.04
32	Total Return	99,830.77	98,909.34	97,989.66		296,729.77
33						
34	Recovery					
35	SC	(412,172.04)	(356,077.02)	(410,525.01)		(1,178,774.07)
36						
37						
38	Amortizatton					
39	O&M	(113,908.70)	(118,309.18)	(113,525.66)		(345,743.54)
40	G&A	(816.79)	(816.79)	(816.79)		(2,450.37)
41	Other (Dep and Prop Tax)	(177,172.65)	(177,174.18)	(77,149.19)		(431,496.01)
42		(291,898.14)	(296,300.15)	(191,491.63)		(779,689.92)
43						
44	Carrying Cost Balance					
45	Beg Balance	2,898,765.13	2,839,697.21	2,789,430.24		8,527,892.58
46	plus expense	232,830.22	246,033.18	131,657.62		610,521.01
47	less amortization	(291,898.14)	(296,300.15)	(191,491.63)		(779,689.92)
48	End Balance	2,839,697.21	2,789,430.24	2,729,596.22		8,358,723.67
49	Prior Month Ending Balance for return calc (2007-	2,898,765.13	2,839,697.21	2,789,430.24		8,527,892.58
50						
51	ADIT	681,314.16	667,431.07	655,616.53		2,004,361.76
52	Basis for return calc	2,217,450.97	2,172,266.14	2,133,813.71		6,523,530.82
53						
54	Return Calc					
55	Debt Component - Net of Tax	3,421.97	3,352.24	3,292.90		10,067.11
56	Equity Component - Net of Tax	9,891.61	9,690.04	9,518.52		29,100.17
57	Equity Return Tax Gross-Up	3,039.69	2,977.75	2,925.04		8,942.48
58	Total Return	16,353.27	16,020.03	15,736.46		48,109.76
59						
60						
61						
62						
63	Source: Monthly Accounting File					